LTA: 212Zc07

NAME: Hilbert Moraines ACRES: 97565.375 **SQUARE MILES:** 152.446

DESCRIPTION:

The characteristic landform pattern is undulating moraine. Soils are predominantly well drained loam over calcareous clay till. Common habitat types include forested lowland, AFH, AFAs and AFAs-O.

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PERCENT CODE 77 3 83 10 86 61 92 25

GEOLOGY

BEDROCK TYPE DESCRIPTION

Sandstone

AVERAGE DEPTH TO BEDROCK 10050

BEDROCK DEPTH DESCRIPTION

Bedrock is greater than 100 feet from the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS Till Deposition

TOPOGRAPHY Undulating

SURFACE Till Plain

SOIL INFORMATION

SOIL ASSOCIATIONS

SOIL DESCRIPTION

Kewaunee-Manawa, Houghton-Palms, Pella-Mundelein-Shiocton, Wasepi-PMindfirelde Bowyell drained and somewhat poorly drained clayey soils with a loam surface over calcareous clay till.

SURFACE TEXTURES L

GENERAL TEXTURES Clayey

FAMILY TEXTURES

DRAINAGE CLASSES MWD-SPD

PARENT MATERIAL

KOT	\mathbf{A}	R'S	HA	RIT	$\Gamma \mathbf{A}'$	Т

HABITAT 1 **HABITAT 2** Lowland AFH

HABITAT 3 AFAs

HABITAT 4 AFAs-O

HABITAT 5 HABITAT 6

*Listed in order of probability occurrence, with each having an occurrence of 10% or

greater

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	72983	75
Bare Land	1064	1
Forested Wetland	4539	5
Grassland	1569	2
High Intensity Urban Area	1001	1
Low Intensity Urban Area	449	0
Nonforested Wetland	13484	14
Open Water	15	0
Upland Broad-leaved Deciduous	2342	2
Upland Coniferous Forest	116	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION CODE PERCENT DEFINITION

Hydrographic 0 BE/O 32

Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak Sugar Maple, Basswood, Red Oak, White Oak, Black Oak NH/O 46

Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock 8

Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch LH 14

Not Interpreted Area not Interpreted

HYDROLOGY

PERENNIAL STREAMS INTERMITTENT STREAMS OPEN WATER SURFACE DRAINAGE MARSH **DEPTH TO** ACRES AQUIFER 70 Miles 94 Miles 12396 Acres 0'-20' 69 Acres dendritic